



Status of Dimock GW Site for 1/13/12
Cynthia Caporale to: R3 ESC-LB
Cc: Cynthia Metzger, Fred Foreman, Mike Mahoney

01/13/2012 03:51 PM

All,

This email is an update on the Dimock GW Site.

The project is still on-hold awaiting approval from HQ. Rich Rupert did update us today and no change in status but there was a meeting yesterday with R3 and Lisa Jackson.

Note: All documents are stored in ASQAB_AT/Special Projects/Marcellus Shale/Dimock.

DAS numbers have been provided.

CT5865-R33907 - Parameters assigned to R3

CT5865-R33908 - Parameters assigned to Isotech (Tier IV lab)

CT5865-R33909 - Parameters assigned to R2

CT5865-R33910 - Parameters assigned to NAREL

CT5865-R33911 - Parameters assigned to R9

CT5865-R33912 - Parameters assigned to (Tier IV Lab) - micro

R33909 and R33911 will be forwarded to the Regional laboratories on Tuesday.

Here is the latest summary on lab efforts.



Shortcut to Dimock Groundwater Site_Lab Efforts Summary_Jan 13 2012.docx.lnk

Please let me know on Tuesday if any information in this summary is incorrect or if you have more recent information on method status.

Thank you to everyone working on the sampling plan, gearing up the instruments/methods, making rush purchases, and ARF preparation!

Stay Tuned....

Cindy

Cynthia Caporale, Chief
OASQA Laboratory Branch
U.S. EPA Region III
Environmental Science Center
Fort Meade, MD
(410) 305-2732
Fax: (410) 305-3095

Dimock Groundwater Site – Summary of Lab Efforts

1/13/2012

Analytical Parameters

Table 1 from Sampling Plan is complete. Latest version is on I: directory

R3 lab – Metals, VOAs, SVOCs, Anions, TP, NO₂/NO₃, TDS/TSS, Alk, Glycols, Alcohols, O&G

R3 lab – Alcohols will be analyzed primarily by SW-846 8015B. The QL is 10ppm. LC/MS/MS okay tentatively okay for 2-methoxyethanol (ppb); Assessing GC/MS (SVOCs) to add 1-methylnaphthalene; see below for specific issues

R9 lab – GRO/DRO, dissolved gases (methane/ethane); butane and propane may be issue

R2 lab – MBAS

R6 lab – backup and tech assistance for alcohols

R1/R10 – also available as backups

NAREL – Rad; Rn222 removed from list

Techlaw/T4 – micro, ISOTECH methods

Glycol/Alcohol Issues

LC/MS/MS –no change

GC/FTIR – Sue investigating purchase of specialized cell for water samples

GC/FID – method 8015 – Adam trying new direct inject liners; will know more early next week; sent out LTIG request for assistance

GC/MS – 1-methylnaphthalene standard being ordered. Eric is testing to see if can run as 8270. Eric can see at 5ppb for 2-methoxyethanol. Extra acrylonitrile std for VOAs ordered. Lower level QLs are needed for PAHs (1 ppb), which will require SIM; may need another lab since limited on equipment to complete add'l extractions.

Still waiting on arrival of standards.

Data/Reporting

Data/reporting needs still need clarified. R9 and R3 are prepared to generate SEDD deliverables which would be consistent for all labs.

TATs were discussed at the OA level and Rich Rupert is preparing a factsheet that states the requested verbal TATs and final report TATs for approximately 20 samples per week.

Analytical Request/Logistics

DAS numbers assigned to ARFs. Will distribute on Tuesday.

Stevie compiled lab contact and address information for shipping.

Revised Sampling Plan received (1/10/12) – located on I:

Conference call held with other Regions on Wednesday (1/11). Only issue is having sampling begin on a Friday without sufficient notice to accommodate comp-time/overtime requests.

Status of Sampling

Currently project is still on hold. If approved, sampling would begin as early as Thursday (1/19) with samples arriving Friday. May need to address weekend work/impacts. Right now the approach is to sample a few homes the first round and then assess data to determine following rounds. There has been some discussion on increasing number of homes.